

Docket No. 245455US2



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Hitoshi ISHIBASHI, et al.

SERIAL NO: 10/722,490

GAU:

FILED: November 28, 2003

EXAMINER:

FOR: ALIGNMENT PATTERN DETECTING SENSOR, METHOD OF DETERMINING ACCEPTANCE WIDTH OF THE ALIGNMENT PATTERN DETECTING SENSOR, METHOD OF FORMING ALIGNMENT PATTERN, AND IMAGE FORMING APPARATUS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☐ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☒ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the claims and drawings of the pending applications are attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

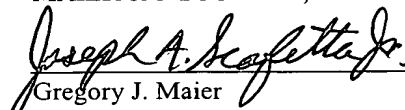
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
\_\_\_\_\_  
Gregory J. Maier

Registration No. 25,599

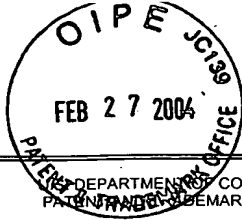
**Joseph A. Scafetta, Jr.**  
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(OSMMN 05/03)

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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
245455US2SERIAL NO.  
10/722,490

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Hitoshi ISHIBASHI, et al.FILING DATE  
November 28, 2003

GROUP

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE       | NAME             | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|------------|------------------|-------|--------------|-------------------------------|
|                     | AA | 6,665,503          | 12-16-2003 | N. Sawayama      |       |              |                               |
|                     | AB | 6,470,161          | 10-22-2002 | Fujishiro et al. |       |              |                               |
|                     | AC | 6,415,129          | 7-2-2002   | N. Sawayama      |       |              |                               |
|                     | AD | 6,546,219          | 4-8-2003   | Sato et al.      |       |              |                               |
|                     | AE | 6,505,022          | 1-7-2003   | Kosuge et al.    |       |              |                               |
|                     | AF | 6,360,065          | 3-19-2002  | Ishibashi et al. |       |              |                               |
|                     | AG | 6,519,428          | 2-11-2003  | Ohtoshi et al.   |       |              |                               |
|                     | AH | 6,342,910          | 1-29-2002  | Sakamoto et al.  |       |              |                               |
|                     | AI | 6,249,304          | 6-19-2001  | Sawayama et al.  |       |              |                               |
|                     | AJ | 5,623,330          | 4-22-1997  | H. Ishibashi     |       |              |                               |
|                     | AK | 5,761,570          | 6-2-1998   | Sawayama et al.  |       |              |                               |
|                     | AL | 5,630,195          | 5-13-1997  | Sawayama et al.  |       |              |                               |
|                     | AM | 5,384,628          | 1-24-1995  | Takami et al.    |       |              |                               |
|                     | AN | 5,438,401          | 8-1-1995   | Murayama et al.  |       |              |                               |
|                     | AO | 5,659,843          | 8-19-1997  | Takano et al.    |       |              |                               |
|                     | AP | 5,729,353          | 3-17-1998  | Sawayama et al.  |       |              |                               |
|                     | AQ | 5,627,649          | 5-6-1997   | Sawayama et al.  |       |              |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | TRANSLATION |    |
|--|----|--------------------|------|---------|-------------|----|
|  |    |                    |      |         | YES         | NO |
|  | AR |                    |      |         |             |    |
|  | AS |                    |      |         |             |    |
|  | AT |                    |      |         |             |    |
|  | AU |                    |      |         |             |    |
|  | AV |                    |      |         |             |    |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |  |  |  |  |  |
|--|----|--|--|--|--|--|
|  | AW | Sawada et al., US 2003/0180057, "Image Forming Apparatus", September 25, 2003, 10/374,076. |  |  |  |  |
|  | AX |  |  |  |  |  |
|  | AY |  |  |  |  |  |
|  | AZ |  |  |  |  | <input type="checkbox"/> Additional References sheet(s) attached |

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# LIST OF RELATED CASES

| <u>Docket Number</u>     | <u>Serial or<br/>Patent<br/>Number</u> | <u>Filing or<br/>Issue Date</u> | <u>Inventor/<br/>Applicant</u> |
|--------------------------|--|---------------------------------|--------------------------------|
| PER CLIENT               | 10/374,076                             | 02/27/03                        | SAWADA et al.                  |
| 0557-2914-2 FWC          | 5,438,401                              | 08/01/95                        | MURAYAMA et al.                |
| 0557-2914-2 <sup>#</sup> | 07/987,815                             | 12/09/92                        | UNKNOWN                        |
| 0557-3041-2 CIP          | 5,627,649                              | 05/06/97                        | SAWAYAMA et al.                |
| 0557-3105-3              | 5,384,628                              | 01/24/95                        | TAKAMI et al.                  |
| 0557-3455-2 CIP          | 5,659,843                              | 08/19/97                        | TAKANO et al.                  |
| 0557-3742-2              | 5,630,195                              | 05/13/97                        | SAWAYAMA et al.                |
| 0557-3810-2              | 5,623,330                              | 04/22/97                        | ISHIBASHI                      |
| 0557-4004-2 CONT         | 5,729,353                              | 03/17/98                        | SAWAYAMA et al.                |
| 0557-4064-2 CONT         | 5,761,570                              | 06/02/98                        | SAWAYAMA et al.                |
| 0557-4636-2 PCT          | 6,249,304                              | 06/19/01                        | SAWAYAMA et al.                |
| 192035US2                | 6,342,910                              | 01/29/02                        | SAKAMOTO et al.                |
| 193664US2                | 09/603,921                             | 06/26/00                        | SAWAYAMA                       |
| 194868US2                | 6,360,065                              | 03/19/02                        | ISHIBASHI et al.               |
| 199816US2                | 6,519,428                              | 02/11/03                        | OHTOSHI et al.                 |
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| 202602US2                | 6,546,219                              | 04/08/03                        | SATO et al.                    |
| 202830US2                | 6,505,022                              | 01/07/03                        | KOSUGE et al.                  |
| 204630US3                | 6,415,129                              | 07/02/02                        | SAWAYAMA                       |
| 205526US2                | 6,470,161                              | 10/22/02                        | FUJISHIRO et al.               |

\*Present Application; listed for information

# Abandoned Application

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|               |            |          |                  |
|---------------|------------|----------|------------------|
| 221526US2     | 6,665,503  | 12/16/03 | SAWAYAMA         |
| 226648US3     | 10/214,595 | 08/09/02 | SAKAMOTO         |
| 227172US3     | 10/246,623 | 09/19/02 | KAMIYAMA         |
| 228758US2     | 10/263,802 | 10/04/02 | ISHIBASHI et al. |
| 229939US2 DIV | 10/315,111 | 12/10/02 | SATO et al.      |
| 234398US2     | 10/373,050 | 02/26/03 | YOSHIKAWA et al. |
| 235474US2     | 10/389,979 | 03/18/03 | OGIYAMA et al.   |
| 245455US2*    | 10/722,490 | 11/28/03 | ISHIBASHI et al. |

\*Present Application; listed for information

# Abandoned Application

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